



15750 U.S. PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. P06600US00																									
		First Inventor HEIDER, Dal J., et al.																									
		Title HOPPER CLOSURE ASSEMBLY AND METHOD OF USING SAME																									
(Only for new nonprovisional applications under 37 CFR 1.53(b))		Express Mail Label No. EV 330572654 US																									
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450																									
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p><p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p><p>3. <input checked="" type="checkbox"/> Specification [Total Pages: 15] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure</p><p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets: 6]</p><p>5. Oath or Declaration [Total Sheets: 2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p><p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p></div><div style="width: 48%;"><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p><p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p></div></div>																											
ACCOMPANYING APPLICATION PARTS																											
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Citations Statement (IDS)/PTO-1449</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>																											
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p style="text-align: center;"><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.:</p> <p>Prior application information: Examiner: _____ Art Unit: _____</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>																											
19. CORRESPONDENCE ADDRESS																											
<div style="display: flex; justify-content: space-between;"><div><input checked="" type="checkbox"/> Customer Number 22885</div><div>OR <input type="checkbox"/> Correspondence address below</div></div>																											
<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="2">Name</td><td colspan="2"></td></tr><tr><td colspan="2">Address</td><td colspan="2"></td></tr><tr><td>City</td><td>State</td><td>Zip Code</td><td></td></tr><tr><td>Country</td><td>Telephone</td><td>Fax</td><td></td></tr><tr><td>Name (Print/Type)</td><td colspan="2">Registration No. (Attorney/Agent)</td><td></td></tr><tr><td>Signature</td><td colspan="2">Date</td><td></td></tr></table>				Name				Address				City	State	Zip Code		Country	Telephone	Fax		Name (Print/Type)	Registration No. (Attorney/Agent)			Signature	Date		
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22581 U.S. PTO
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**559.00****Complete if Known**

Application Number	
Filing Date	January 23, 2004
First Named Inventor	HEIDER, Dale J., et al.
Examiner Name	
Art Unit	
Attorney Docket No.	P06600US00

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit

Account

Number

Deposit

Account

Name

26-0084**McKee, Voorhees & Sease, PLC**

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770 2001 385		Utility filing fee	385
1002 340 2002 170		Design filing fee	
1003 530 2003 265		Plant filing fee	
1004 770 2004 385		Reissue filing fee	
1005 160 2005 80		Provisional filing fee	

SUBTOTAL (1)**385****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims	25	-20** = 5 x 9	= 45
Indep. Claims	6	-3** = 3 x 43	= 129
Multiple Dependent			=

Large Entity, Small Entity

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18 2202 9		Claims in excess of 20
1201 86 2201 43		Independent claims in excess of 3
1203 290 2203 145		Multiple dependent claim, if not paid
1204 86 2204 43		** Reissue independent claims over original patent
1205 18 2205 9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **\$174**

**or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity, Small Entity

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1051 130 2051 65		Surcharge - late filing fee or oath
1052 50 2052 25		Surcharge - late provisional filing fee or cover sheet
1053 130 2053 130		Non-English specification
1812 2,520 2052 2,520		For filing a request for <i>ex parte</i> reexamination
1804 920* 2052 920*		Requesting publication of SIR prior to Examination action
1805 1,840* 2052 1,840*		Requesting publication of SIR after Examiner action
1251 110 2251 55		Extension for reply within first month
1252 420 2252 210		Extension for reply within second month
1253 950 2253 475		Extension for reply within third month
1254 1,480 2254 740		Extension for reply within fourth month
1255 2,010 2255 1,005		Extension for reply within fifth month
1401 330 2401 165		Notice of Appeal
1402 330 2402 165		Filing a brief in support of an appeal
1403 290 2403 145		Request for oral hearing
1451 1,510 2451 1,510		Petition to institute a public use proceeding
1452 110 2452 55		Petition to revive - unavoidable
1453 1,330 2453 665		Petition to revive - unintentional
1501 1,330 2501 665		Utility issue fee (or reissue)
1502 480 2502 240		Design issue fee
1503 640 2503 320		Plant issue fee
1406 130 1460 130		Petitions to the Commissioner
1807 50 1807 50		Processing fee under 37 CFR 1.17(q)
1806 180 1806 180		Submission of Information Disclosure Stmt
8021 40 8021 40		Recording each patent assignment per property (times number of properties)
1809 770 2809 385		Filing a submission after final rejection (37 CFR § 1.129(a))
1810 770 2810 385		For each additional invention to be examined (37 CFR § 1.129(b))
1801 770 2801 385		Request for Continued Examination (RCE)
1802 900 2802 900		Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**0****SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	VINCENT S. EGOLF	Registration No. (Attorney/Agent)	51,131	Telephone	515-288-3667
Signature	<i>Vincent S. Egolf</i>	Date	01/23/2004		

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